## **CLAIMS**

1. A racemate, diastereoisomer, or optical isomer of a compound of formula (I):

wherein:

is  $(C_{2-10})$ alkyl,  $(C_{3-7})$ cycloalkyl or  $(C_{1-4})$ alkyl- $(C_{3-7})$ cycloalkyl,

- a) wherein said cycloalkyl and alkyl-cycloalkyl may be mono-, di- or trisubstituted with  $(C_{1-3})$ alkyl; and
- b) wherein said alkyl, cycloalkyl and alkyl-cycloalkyl may be mono- or disubstituted with substituents selected from hydroxy and O-(C<sub>1-4</sub>)alkyl; and
- c) wherein each of said alkyl groups may be mono-, di- or tri-substituted with halogen; and
- d) wherein in each of said cycloalkyl groups being 5-, 6- or 7-membered, one or two -CH<sub>2</sub>-groups not being directly linked to each other may be replaced by -O- such that the O-atom is linked to the N atom to which B is attached via at least two C-atoms;

or

- is phenyl, (C<sub>1-3</sub>)alkyl-phenyl, heteroaryl or (C<sub>1-3</sub>)alkyl-heteroaryl, wherein the heteroaryl-groups are 5- or 6-membered having from 1 to 3 heteroatoms selected from N, O and S; wherein said phenyl and heteroaryl groups may be mono-, di- or trisubstituted with substituents selected from halogen, -OH, (C<sub>1-4</sub>)alkyl, O-(C<sub>1-4</sub>)alkyl, S-(C<sub>1-4</sub>)alkyl, -NH<sub>2</sub>, -NH((C<sub>1-4</sub>)alkyl) and -N((C<sub>1-4</sub>)alkyl)<sub>2</sub>, -CONH<sub>2</sub> and -CONH-(C<sub>1-4</sub>)alkyl;
- Y is H or (C<sub>1-6</sub>)alkyl;

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R<sup>3</sup> is (C<sub>1-6</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl or (C<sub>1-3</sub>)alkyl-(C<sub>3-7</sub>)cycloalkyl, wherein each of said cycloalkyl groups may be mono-, di- or tri-substituted with substituents selected from halogen, -OH, (C<sub>1-4</sub>)alkyl, O-(C<sub>1-4</sub>)alkyl, S-(C<sub>1-4</sub>)alkyl, -NH<sub>2</sub>, -

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 $NH((C_{1-4})alkyl)$ ,  $-N((C_{1-4})alkyl)_2$ , -COOH and  $-CONH_2$ ;

- is R<sup>20</sup>, -NR<sup>21</sup>R<sup>22</sup>, -NR<sup>22</sup>COR<sup>20</sup>, -NR<sup>22</sup>COOR<sup>20</sup> or -NR<sup>22</sup>CONR<sup>23</sup>R<sup>21</sup>, wherein R<sup>20</sup> is selected from (C<sub>1-8</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl and (C<sub>1-4</sub>)alkyl-(C<sub>3-7</sub>)cycloalkyl, wherein said alkyl, cycloalkyl and alkyl-cycloalkyl may be mono-, di- or tri-substituted with (C<sub>1-3</sub>)alkyl; and R<sup>21</sup> is H or R<sup>20</sup>, R<sup>22</sup> and R<sup>23</sup> are independently selected from H and methyl, and
- 10  $\mathbb{R}^{24}$  is selected from -O-(C<sub>1-4</sub>)alkyl, -NH((C<sub>1-4</sub>)alkyl) and -N((C<sub>1-4</sub>)alkyl)<sub>2</sub>;
  - $R^1$  is  $(C_{1-6})$ alkyl or  $(C_{2-6})$ alkenyl; and
- is hydroxy or NHSO<sub>2</sub>R<sup>s</sup> wherein R<sup>s</sup> is (C<sub>1-6</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl, (C<sub>1-6</sub>)alkyl(C<sub>3-7</sub>)cycloalkyl, phenyl, naphthyl, pyridinyl, (C<sub>1-4</sub>)alkyl-phenyl, (C<sub>1-4</sub>)alkylnaphthyl or (C<sub>1-4</sub>)alkyl-pyridinyl; all of which optionally being mono-, di- or trisubstituted with substituents selected from halogen, hydroxy, cyano, (C<sub>1-4</sub>)alkyl, O-(C<sub>1-6</sub>)alkyl, -CO-NH<sub>2</sub>, -CO-NH((C<sub>1-4</sub>)alkyl), -CO-N((C<sub>1-4</sub>)alkyl)<sub>2</sub>, -NH<sub>2</sub>,
  -NH((C<sub>1-4</sub>)alkyl) and -N((C<sub>1-4</sub>)alkyl)<sub>2</sub>, wherein (C<sub>1-4</sub>)alkyl and O-(C<sub>1-6</sub>)alkyl are
  optionally mono-, di- or trisubstituted with halogen; and all of which optionally being monosubstituted with nitro;

or a pharmaceutically acceptable salt or ester thereof.

- 2. The compound according to claim 1, wherein
- 25 **B** is  $(C_{2-10})$ alkyl,  $(C_{3-7})$ cycloalkyl or  $(C_{1-4})$ alkyl- $(C_{3-7})$ cycloalkyl,
  - a) wherein said cycloalkyl and alkyl-cycloalkyl may be mono-, di- or trisubstituted with ( $C_{1-3}$ )alkyl; and
  - b) wherein said alkyl, cycloalkyl and alkyl-cycloalkyl may be mono- or di-substituted with substituents selected from hydroxy and O-(C<sub>1</sub>. <sub>4</sub>)alkyl; and
  - c) wherein all said alkyl-groups may be mono-, di- or tri-substituted with halogen; and
  - d) wherein in said cycloalkyl-group being 5-, 6- or 7-membered, one or two -CH<sub>2</sub>-groups not being directly linked to each other may be

replaced by -O- such that the O-atom is linked to the N atom to which B is attached via at least two C-atoms;

or

- is phenyl, (C<sub>1-3</sub>)alkyl-phenyl, heteroaryl or (C<sub>1-3</sub>)alkyl-heteroaryl, wherein the heteroaryl-groups are 5- or 6-membered having from 1 to 3 heteroatoms selected from N, O and S; wherein said phenyl and heteroaryl groups may be mono-, di- or trisubstituted with substituents selected from halogen, -OH, (C<sub>1-4</sub>)alkyl, O-(C<sub>1-4</sub>)alkyl, S-(C<sub>1-4</sub>)alkyl, -NH<sub>2</sub>, -NH((C<sub>1-4</sub>)alkyl) and -N((C<sub>1-4</sub>)alkyl)<sub>2</sub>, -CONH<sub>2</sub> and -CONH-(C<sub>1-4</sub>)alkyl;
- Y is H or (C<sub>1-6</sub>)alkyl;
- is (C<sub>1-6</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl or (C<sub>1-3</sub>)alkyl-(C<sub>3-7</sub>)cycloalkyl, wherein said cycloalkyl groups may be mono-, di- or tri-substituted with substituents selected from halogen, -OH, (C<sub>1-4</sub>)alkyl, O-(C<sub>1-4</sub>)alkyl, S-(C<sub>1-4</sub>)alkyl, NH<sub>2</sub>, -NH((C<sub>1-4</sub>)alkyl) and -N((C<sub>1-4</sub>)alkyl)<sub>2</sub>, -COOH and -CONH<sub>2</sub>;
- is R<sup>20</sup> is -NR<sup>21</sup>R<sup>22</sup>, -NR<sup>22</sup>COR<sup>20</sup>, -NR<sup>22</sup>COOR<sup>20</sup> and -NR<sup>22</sup>CONR<sup>23</sup>R<sup>21</sup>,

  wherein R<sup>20</sup> is selected from (C<sub>1-8</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl and (C<sub>1-4</sub>)alkyl(C<sub>3-7</sub>)cycloalkyl, wherein said cycloalkyl and alkyl-cycloalkyl may be
  mono-, di- or tri-substituted with (C<sub>1-3</sub>)alkyl; and
  R<sup>21</sup> is H or R<sup>20</sup>,
  R<sup>22</sup> and R<sup>23</sup> are independently selected from H and methyl, and

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- $\mathbf{R^{24}}$  is selected from: -O-(C<sub>1-4</sub>)alkyl, NH((C<sub>1-4</sub>)alkyl) and -N((C<sub>1-4</sub>)alkyl)<sub>2</sub>;
- $R^1$  is  $(C_{1-6})$ alkyl or  $(C_{2-6})$ alkenyl; and
- is hydroxy or NHSO<sub>2</sub>R<sup>s</sup> wherein R<sup>s</sup> is (C<sub>1-6</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl or (C<sub>1-6</sub>)alkyl-(C<sub>3-7</sub>)cycloalkyl, phenyl, naphthyl, pyridinyl, (C<sub>1-4</sub>)alkyl-phenyl, (C<sub>1-4</sub>)alkyl-naphthyl or (C<sub>1-4</sub>)alkyl-pyridinyl; all of which being optionally mono-, di- or tri-substituted with substituents selected from halogen, hydroxy, cyano, (C<sub>1-4</sub>)alkyl, O-(C<sub>1-6</sub>)alkyl, -CO-NH<sub>2</sub>, -CO-

NH(( $C_{1-4}$ )alkyl), -CO-N(( $C_{1-4}$ )alkyl)<sub>2</sub>, -NH<sub>2</sub>, -NH(( $C_{1-4}$ )alkyl) and -N(( $C_{1-4}$ )alkyl)<sub>2</sub>; and all of which optionally being monosubstituted with nitro;

- or a pharmaceutically acceptable salt or ester thereof.
  - 3. The compound according to claim 1, wherein **B** is  $(C_{2-10})$ alkyl,  $(C_{3-7})$ cycloalkyl,  $(C_{1-3})$ alkyl- $(C_{3-7})$ cycloalkyl or phenyl,
    - a) wherein said cycloalkyl, alkyl-cycloalkyl and phenyl may be mono-, di- or tri-substituted with (C<sub>1-3</sub>)alkyl; and
    - b) wherein said alkyl, cycloalkyl, alkyl-cycloalkyl and phenyl may be monoor di-substituted with substituents selected from hydroxy and O-(C<sub>1-4</sub>)alkyl; and
    - c) wherein each of said alkyl-groups and phenyl may be mono-, di- or trisubstituted with fluorine or mono-substituted by chlorine or bromine, and
    - d) wherein in each of said cycloalkyl-groups being 5-, 6- or 7-membered, one or two -CH<sub>2</sub>-groups not being directly linked to each other may be replaced by -O- such that the O-atom is linked to the N atom to which B is attached via at least two C-atoms.

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- 4. The compound according to claim 3, wherein **B** is selected from ethyl, n-propyl, i-propyl, n-butyl, 1-methylpropyl, 2-methylpropyl, *tert*-butyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclopexyl, cyclopropylmethyl, cyclobutylmethyl, cyclopexylmethyl and phenyl;
- a) wherein each of said groups optionally being mono-, di- or tri-substituted with substituents selected from methyl and ethyl;
  - b) wherein each of said groups optionally being mono- or di-substituted with substituents selected from hydroxy, methoxy and ethoxy; and
  - c) wherein each of said alkyl groups and phenyl may be mono-, di- or trisubstituted with fluorine or mono-substituted by chlorine or bromine; and
  - d) wherein in each of said cycloalkyl-groups being 5-, 6- or 7-membered, one or two -CH<sub>2</sub>-groups not being directly linked to each other may be replaced by -O- such that the O-atom is linked to the N atom to which B is attached via at least two C-atoms.

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- 5. The compound according to claim 3 wherein  $\bf B$  is  $(C_{3-8})$ alkyl,  $(C_{5-6})$ cycloalkyl, or phenyl, wherein each of said groups may be mono- or di-substituted with methyl.
- 6. The compound according to claim 3 wherein **B** is selected from 1,1-dimethylethyl, 1,1-dimethylpropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, 1-methylcyclopentyl, 1-methylcyclohexyl and phenyl.
- 10 7. The compound according to claim 1 wherein Y is H.
  - 8. The compound according to claim 1, wherein R³ is (C<sub>1-3</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl or (C<sub>1-6</sub>)alkyl-(C<sub>3-7</sub>)cycloalkyl, wherein each of said cycloalkyl groups are optionally substituted by 1 to 3 substituents selected from (C<sub>1-4</sub>)alkyl.
- The compound according to claim 8, wherein R³ is selected from 1-methylethyl, 1,1-dimethylethyl, 1-methylpropyl, 2-methylpropyl, 1,1-dimethylpropyl, 1,2-dimethylpropyl, 2,2-dimethylpropyl, cyclopentyl, cyclopentyl, cyclopentyl, 1-methylcyclopentyl, 1-methylcyclohexyl, cyclopentylmethyl, cyclohexylmethyl, (1-methylcyclopentyl)methyl and (1-methylcyclohexyl)methyl.
  - 10. The compound according to claim 9, wherein R³ is selected from 1,1-dimethylethyl, cyclopentyl, cyclohexyl and 1-methylcyclohexyl.
  - 11. The compound according to claim 1, wherein R² is R²⁰, -NR²¹R²², -NR²²COR²⁰, -NR²²COOR²⁰ or -NR²²CONR²³R²¹, wherein R²⁰ is selected from (C₁-₄)alkyl, (C₃-ア)cycloalkyl and (C₁-₃)alkyl-(C₃-႗)cycloalkyl, wherein said alkyl, cycloalkyl and alkyl-cycloalkyl may be mono-, di- or trisubstituted with (C₁-₃)alkyl; and R²¹ is H or R²⁰; and R²² and R²³ are independently selected from H and methyl.
  - 12. The compound according to claim 11, wherein R<sup>2</sup> is -NHR<sup>21</sup> or -NHCOR<sup>20</sup>,

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wherein R<sup>20</sup> and R<sup>21</sup> are defined as in claim 11.

- 13. The compound according to claim 12, wherein R<sup>20</sup> and R<sup>21</sup> are independently selected from: methyl, ethyl, n-propyl, i-propyl, n-butyl, 1-methylpropyl, 2-methylpropyl, tert-butyl, 2,2-dimethylpropyl, 1,1-dimethylpropyl, 1,2-dimethylpropyl, 1,2,2-trimethylpropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclopentyl, cyclopentylmethyl, cyclopentylmethyl, cyclopentylmethyl and cyclohexylmethyl, each of which optionally being mono- or di-substituted with methyl or ethyl.
- 14. The compound according to claim 1, wherein R<sup>24</sup> is selected from OCH<sub>3</sub> and N(CH<sub>3</sub>)<sub>2</sub>.
- 15. The compound according to claim 1, wherein R<sup>1</sup> is ethyl or vinyl.
- 16. The compound according to claim 1, wherein R<sup>c</sup> is selected from hydroxy or NHSO<sub>2</sub>R<sup>s</sup> wherein R<sup>s</sup> is methyl, ethyl, n-propyl, i-propyl, n-butyl, 1-methylpropyl, 2-methylpropyl, *tert*-butyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, phenyl, naphthyl, pyridinyl, phenylmethyl, naphthylmethyl or pyridinylmethyl, each of which optionally being substituted with one or more substituents selected from
  - a) one, two or three substituents selected from fluorine and methyl;
  - b) one or two substituents selected from hydroxy, trifluoromethyl, methoxy and trifluoromethoxy; and
  - c) one substituent selected from chlorine, bromine, cyano, nitro, -CO-NH<sub>2</sub>, -CO-NHCH<sub>3</sub>, -CO-N(CH<sub>3</sub>)<sub>2</sub>, -NH<sub>2</sub>, -NH(CH<sub>3</sub>) and -N(CH<sub>3</sub>)<sub>2</sub>.
- 17. The compound according to claim 16, wherein R<sup>c</sup> is selected from hydroxy,

  NHSO<sub>2</sub>-methyl, NHSO<sub>2</sub>-ethyl, NHSO<sub>2</sub>-(1-methyl)ethyl, NHSO<sub>2</sub>-propyl, NHSO<sub>2</sub>
  cyclopropyl, NHSO<sub>2</sub>-cyclopropylmethyl, NHSO<sub>2</sub>-cyclobutyl, NHSO<sub>2</sub>-cyclopentyl and NHSO<sub>2</sub>-phenyl.

- **18.** The compound according to claim 17, wherein **R**<sup>C</sup> is hydroxy.
- 19. The compound according to claim 17, wherein R<sup>c</sup> is NHSO<sub>2</sub>-cyclopropyl.
- 5 20. The compound according to claim 1, wherein:
  - B is (C<sub>3-8</sub>)alkyl, (C<sub>5-6</sub>)cycloalkýl, or phenyl, each of said groups being optionally mono- or di-substituted with methyl;
  - Y is H or methyl;
  - R<sup>3</sup> is (C<sub>1-6</sub>)alkyl or (C<sub>3-7</sub>)cycloalkyl, said cycloalkyl being optionally substituted by 1 to 3 substituents selected from (C<sub>1-4</sub>)alkyl;
  - R<sup>2</sup> is R<sup>20</sup>, -NR<sup>21</sup>R<sup>22</sup>, -NR<sup>22</sup>COR<sup>20</sup>, -NR<sup>22</sup>COOR<sup>20</sup> and -NR<sup>22</sup>CONR<sup>23</sup>R<sup>21</sup>, wherein R<sup>20</sup> is selected from methyl, ethyl, n-propyl, i-propyl, n-butyl, 1-methylpropyl, 2-methylpropyl, *tert*-butyl, 2,2-dimethylpropyl, 1,1-dimethylpropyl, 1,2-dimethylpropyl, 1,2-dimethylpropyl, cyclopropyl, cyclopropyl, cyclopentyl, cyclopentyl, cyclopentyl, cyclopentyl, cyclopentylmethyl, and cyclohexylmethyl; all of which optionally being substituted by 1 to 3 substituents selected from methyl and ethyl;

 $R^{21}$  is H or  $R^{20}$ ;

R<sup>22</sup> and R<sup>23</sup> are independently selected from H and methyl;

 $R^{24}$  is -OCH<sub>3</sub> or -N(CH<sub>3</sub>)<sub>2</sub>;

R<sup>1</sup> is ethyl or vinyl; and

R<sup>c</sup> is hydroxy, NHSO<sub>2</sub>-methyl, NHSO<sub>2</sub>-ethyl, NHSO<sub>2</sub>-(1-methyl)ethyl, NHSO<sub>2</sub>-propyl, NHSO<sub>2</sub>-cyclopropyl, NHSO<sub>2</sub>-cyclopropylmethyl, NHSO<sub>2</sub>-cyclopentyl or NHSO<sub>2</sub>-phenyl.

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21. The compound according to claim 1, wherein B is selected from 1,1-dimethylethyl, 1,1-dimethylpropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, 1-methylcyclopentyl, 1-methylcyclohexyl and phenyl; Y is H; R³ is selected from 1,1-dimethylethyl, cyclopentyl, cyclohexyl and 1-methylcyclohexyl; R² is -NHR²¹ or -NHCOR²⁰, wherein R²⁰ and R²¹ are independently selected from: methyl, ethyl, n-propyl, i-propyl, n-butyl, 1-methylpropyl, 2-methylpropyl, tert-butyl, 2,2-dimethylpropyl, 1,1-dimethylpropyl, 1,2-dimethylpropyl, 1,2,2-trimethylpropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, all of which optionally being mono- or di-

substituted with methyl or ethyl;  $\mathbf{R^{24}}$  is -OCH<sub>3</sub>;  $\mathbf{R^{1}}$  is vinyl and  $\mathbf{R^{C}}$  is hydroxy or NHSO<sub>2</sub>-cyclopropyl.

- 22. The compound according to claim 21, wherein **B** is selected from 1,1-dimethylethyl, 1,1-dimethylpropyl, cyclopentyl, cyclohexyl and phenyl; R<sup>3</sup> is selected from 1,1-dimethylethyl and cyclohexyl, R<sup>C</sup> is hydroxy and Y, R<sup>2</sup>, R<sup>24</sup> and R<sup>1</sup> are defined as in claim 21.
  - 23. The compound according to claim 1, of the formula

wherein B, R3, R2, and R24 are defined according to the following table

Cpd.	В	R³	R²	R <sup>24</sup>
11	7	1	NH NH	-OCH₃
12	\(\frac{1}{2}\)	<del></del>	NH O	-OCH₃
13	Ö	7	NH O	-OCH₃
14		7	NH NH	-OCH₃
15	7	T	NH O	-OCH₃

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Cpd.	В	R³	R²	R <sup>24</sup>
16			- FE - O	-OCH₃
17	J	<del></del>	NH NH	-OCH₃
18		7	HX O	-N(CH <sub>3</sub> ) <sub>2</sub>

- 24. A pharmaceutical composition comprising an anti-hepatitis C virally effective amount of a compound of formula I according to claim 1 or a pharmaceutically acceptable salt or ester thereof, in admixture with at least one pharmaceutically acceptable carrier medium or auxiliary agent.
- 25. The pharmaceutical composition according to claim 24 further comprising a therapeutically effective amount of at least one other antiviral agent.
- 10 **26.** The pharmaceutical composition according to claim 25, wherein said antiviral agent is ribavirin.
  - 27. The pharmaceutical composition according to claim 25, wherein said antiviral agent is selected from another anti-HCV agent, HIV inhibitor, HAV inhibitor and HBV inhibitor.
  - 28. The pharmaceutical composition according to claim 27, wherein said other anti-HCV agent is selected from immunomodulatory agents, other inhibitors of HCV NS3 protease, inhibitors of HCV polymerase and inhibitors of another target in the HCV life cycle.

- 29. The pharmaceutical composition according to claim 28, wherein said immunomodulatory agent is selected from  $\alpha$ -interferon and pegylated  $\alpha$ -interferon.
- 5 30. The pharmaceutical composition according to claim 28, wherein said inhibitor of another target in the HCV life cycle is selected from inhibitors of: helicase, NS2/3 protease and internal ribosome entry site (IRES).
- 31. A method for the treatment or prevention of a hepatitis C viral infection in a
  mammal by administering to the mammal an anti-hepatitis C virally effective
  amount of a compound of formula I according to claim 1, or a pharmaceutically
  acceptable salt or ester thereof.
- 32. A method for the treatment or prevention of a hepatitis C viral infection in a mammal by administering thereto an anti-hepatitis C virally effective amount of a compound of formula I according to claim 1, or a pharmaceutically acceptable salt or ester thereof in combination with at least one other antiviral agent.
- 20 33. The method according to claim 32, wherein said antiviral agent is ribavirin.
  - 34. The method according to claim 32, wherein said other antiviral agent is selected from another anti-HCV agent, HIV inhibitor, HAV inhibitor and HBV inhibitor.
- 35. The method according to claim 34, wherein said other anti-HCV agent is selected from immunomodulatory agents, other inhibitors of HCV NS3 protease, inhibitors of HCV polymerase and inhibitors of another target in the

HCV life cycle.

- 36. The method according to claim 35, wherein said immunomodulatory agent is selected from  $\alpha$ -interferon and pegylated  $\alpha$ -interferon.
- 37. The method according to claim 35, wherein said inhibitor of another target in

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the HCV life cycle is selected from inhibitors of: helicase, NS2/3 protease and internal ribosome entry site (IRES).

- 38. A method of inhibiting the replication of hepatitis C virus by exposing the virus to a hepatitis C viral NS3 protease inhibiting amount of the compound of formula (I) according to claim 1, or a pharmaceutically acceptable salt or ester thereof.
- 39. A process for the preparation of a compound of formula (I) according to claim10 1 comprising the step of coupling a peptide of the formula (III):

wherein  $R^c$  is -O-CGP or -NHSO<sub>2</sub> $R^s$ ; and  $R^{24}$ ,  $R^2$ ,  $R^1$ , and  $R^s$  are defined as in claim 1 and CPG is a carboxyl protecting group;

with a succinic acid moiety of formula (II):

wherein B, Y and R<sup>3</sup> are defined as in claim 1.

40. A succinic acid derivative of the formula (II):

wherein B, Y and R<sup>3</sup> are defined as in claim 1.

- **41.** The succinic acid derivative according to claim 40 wherein **B** is  $(C_{2-10})$ alkyl,  $(C_{3-7})$ cycloalkyl,  $(C_{1-3})$ alkyl- $(C_{3-7})$ cycloalkyl or phenyl,
  - a) wherein said cycloalkyl, alkyl-cycloalkyl and phenyl may be mono-, di- or

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- tri-substituted with (C<sub>1-3</sub>)alkyl; and
- b) wherein each of which may be mono- or di-substituted with substituents selected from hydroxy and O-(C<sub>1-4</sub>)alkyl; and
- c) wherein each of said alkyl groups and phenyl may be mono-, di- or trisubstituted with fluorine or mono-substituted by chlorine or bromine, and
- d) wherein in each of said cycloalkyl groups being 5-, 6- or 7-membered, one or two -CH<sub>2</sub>-groups not being directly linked to each other may be replaced by -O- such that the O-atom is linked to the N atom to which B is attached via at least two C-atoms
- and Y and R<sup>3</sup> are defined as in claim 40.
- 42. The succinic acid derivative according to claim 41 wherein **B** is selected from 1,1-dimethylethyl, 1,1-dimethylpropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, 1-methylcyclopentyl, 1-methylcyclohexyl and phenyl and **Y** and **R**<sup>3</sup> are defined as in claim 41.
- 43. The succinic acid derivative according to claim 40 wherein Y is H and B and R³ are defined as in claim 40.
- 20 44. The succinic acid derivative according to claim 40 wherein R³ is (C<sub>1-6</sub>)alkyl, (C<sub>3-7</sub>)cycloalkyl or (C<sub>1-6</sub>)alkyl-(C<sub>3-7</sub>)cycloalkyl, wherein each of said cycloalkyl groups are optionally substituted by 1 to 3 substituents selected from (C<sub>1-4</sub>)alkyl and **B** and **Y** are defined as in claim 40.
- 25 **45.** The succinic acid derivative according to claim 44 wherein **R**<sup>3</sup> is selected from 1,1-dimethylethyl, cyclopentyl, cyclohexyl and 1-methylcyclohexyl and **B** and **Y** are defined as in claim 44.
- 46. An article of manufacture comprising packaging material contained within which is a composition effective to treat an HCV infection or to inhibit the NS3 protease of HCV and the packaging material comprises a label which indicates that the composition can be used to treat infection by the hepatitis C virus or to inhibit the NS3 protease of HCV, and wherein said composition comprises a compound of formula (I) of claim 1 or a pharmaceutically acceptable salt or

ester thereof.